KRCRA BOUNDARY

RB R(85)
.15 .12
- -

RECOVERY FACTOR 85%
FOR SURFACE DEVELOPMENT

SL

RB

M

○7

COAL LEASE WO146199

COAL LEASE WO54727

COAL LEASE WO150169

COAL LEASE CO57086

COAL LEASE WO54728

COAL LEASE CO78051

COAL LEASE W31258

COAL LEASE W16465

COAL LEASE W16465

COAL LEASE WO54737

COAL LEASE CO33800

COAL LEASE CO57086

COAL LEASE CO33800

COAL LEASE CO57086

EXPLANATION

KRCRA BOUNDARY

KNOWN RECOVERABLE COAL RESOURCE AREA—Area in which the Federal coal land is classified, (1) as subject to the coal leasing provisions of the Mineral Leasing Act of 1920, as amended and, (2) by virtue of the available data being sufficient to permit evaluation as to extent, location, and potential for developing commercial quantities of coal.

NON-FEDERAL COAL LAND—Land for which the Federal Government does not own the coal rights.

COAL LEASE WO146199

COAL LEASE—An area of Federal coal lands in which the Federal Government has entered into a contractual agreement for development of the coal deposits.

SL

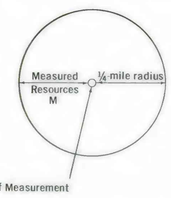
STRIPPING LIMIT LINE—Boundary for surface mining of the coal bed. Limit is 200 feet of overburden. Arrows point toward the area suitable for strip mining. Recovery factor of 85 percent within that area in this quadrangle.

RB

BOUNDARY OF RESERVE BASE COAL—Segments comprising the boundary line include: (1) the outcrop of coal bed or contact between burned and unburned coal where the coal is 5 feet (1.5 m) or more thick, (2) the 5-foot (1.5 m) coal isopach, (3) an arc 3 miles from the nearest coal measurement point, (4) insufficient data lines, (5) the coal isopach farthest downdip from the outcrop trace, (6) boundaries of leased Federal coal and non-Federal coal land, and (7) KRCRA boundaries. Arrows point toward areas of Reserve Base coal.

○7

LOCATION OF SUBSURFACE COAL MEASUREMENT
thickness of coal, in feet



BOUNDARY LINES—Enclosing area of measured coal resources of the coal bed.

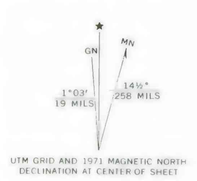
RB	R(85%)	
.15	.12	(Meas. resources)
-	-	(Ind. resources)
-	-	(Inf. resources)

IDENTIFIED COAL RESOURCES OF THE 85 COAL BED—Showing totals for Reserve Base (RB) and Reserves (R), in millions of short tons, for each section or part(s) of section of Federal coal land within the stripping-limit line. Dash indicates no resources in that category. Reserve Base (RB) X the Recovery Factor (85 percent) = Reserves (R).

To convert short tons to metric tonnes multiply short tons by 0.9072.

Base map from U.S. Geological Survey, 1971

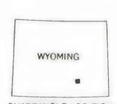
Compiled in 1977 by TEXAS INSTRUMENTS INCORPORATED



UTM GRID AND 1971 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000

1 0 1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 0 1 KILOMETER



QUADRANGLE LOCATION

MAP OF THE ELMO QUADRANGLE, CARBON COUNTY, WYOMING BY TEXAS INSTRUMENTS INCORPORATED 1978

PLATE 35
AREAL DISTRIBUTION
AND IDENTIFIED RESOURCES
OF COAL BED 85